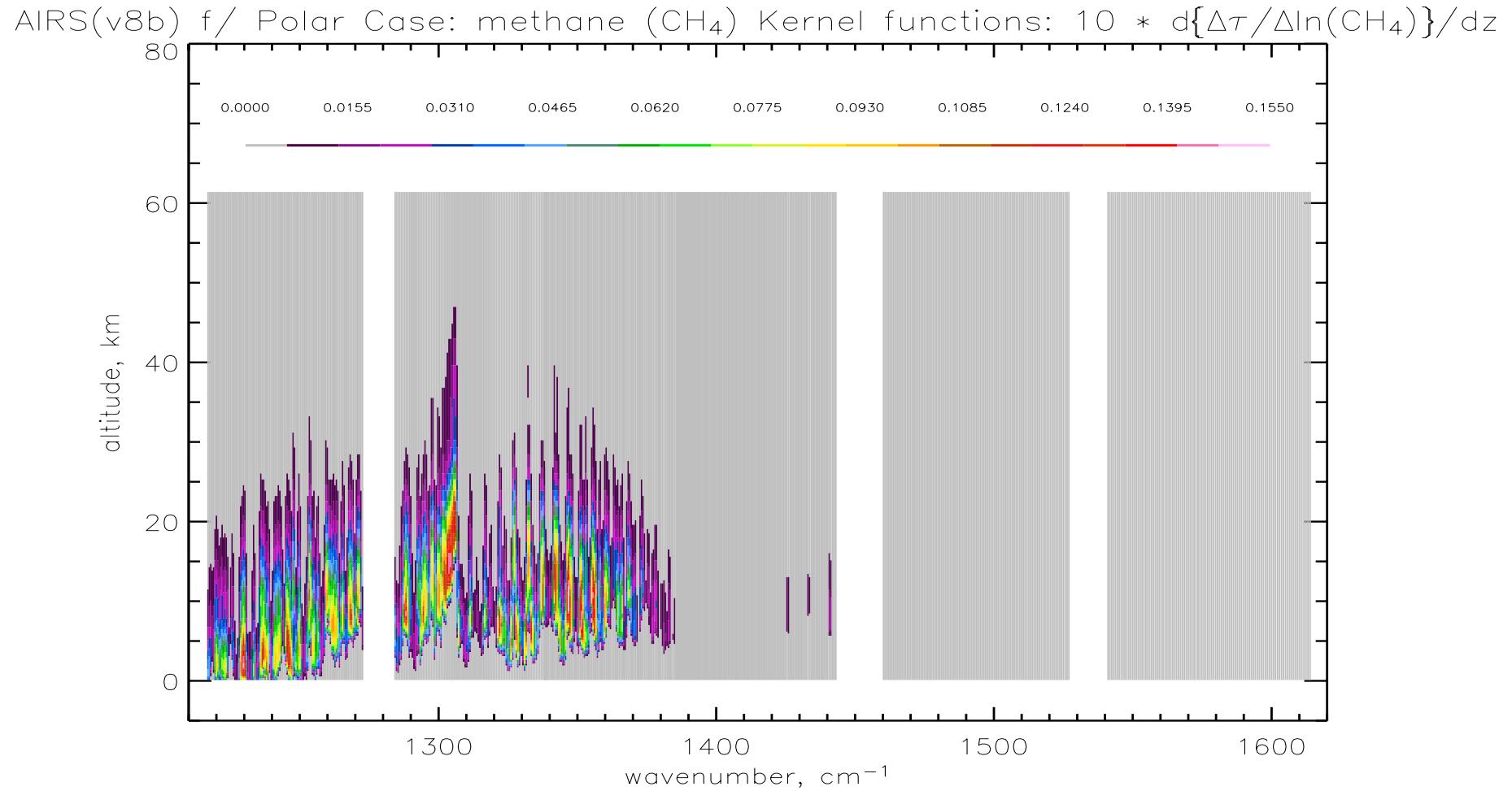


- Kernel functions for CH<sub>4</sub>(p) computed using v8b RTA
- Used sim\_3.asc file for Polar, Mid-Latitude, Tropical Profiles
- CH<sub>4</sub> mixing ratio is constant at 1.792 ppmv ;200-900 mb;
  - 3 profiles taken from G401 on Sep. 6, 2002 simulation

profile	G401 index	latitude	long.	solzang	TPW (cm)	CH <sub>4</sub> CD (DU)
polar	925	85 N	38 E	84	0.5	1387
mid-latitude	5207	41 N	68 W	144	1.4	1395
tropical	1473	10 N	48 W	38	4.5	1406

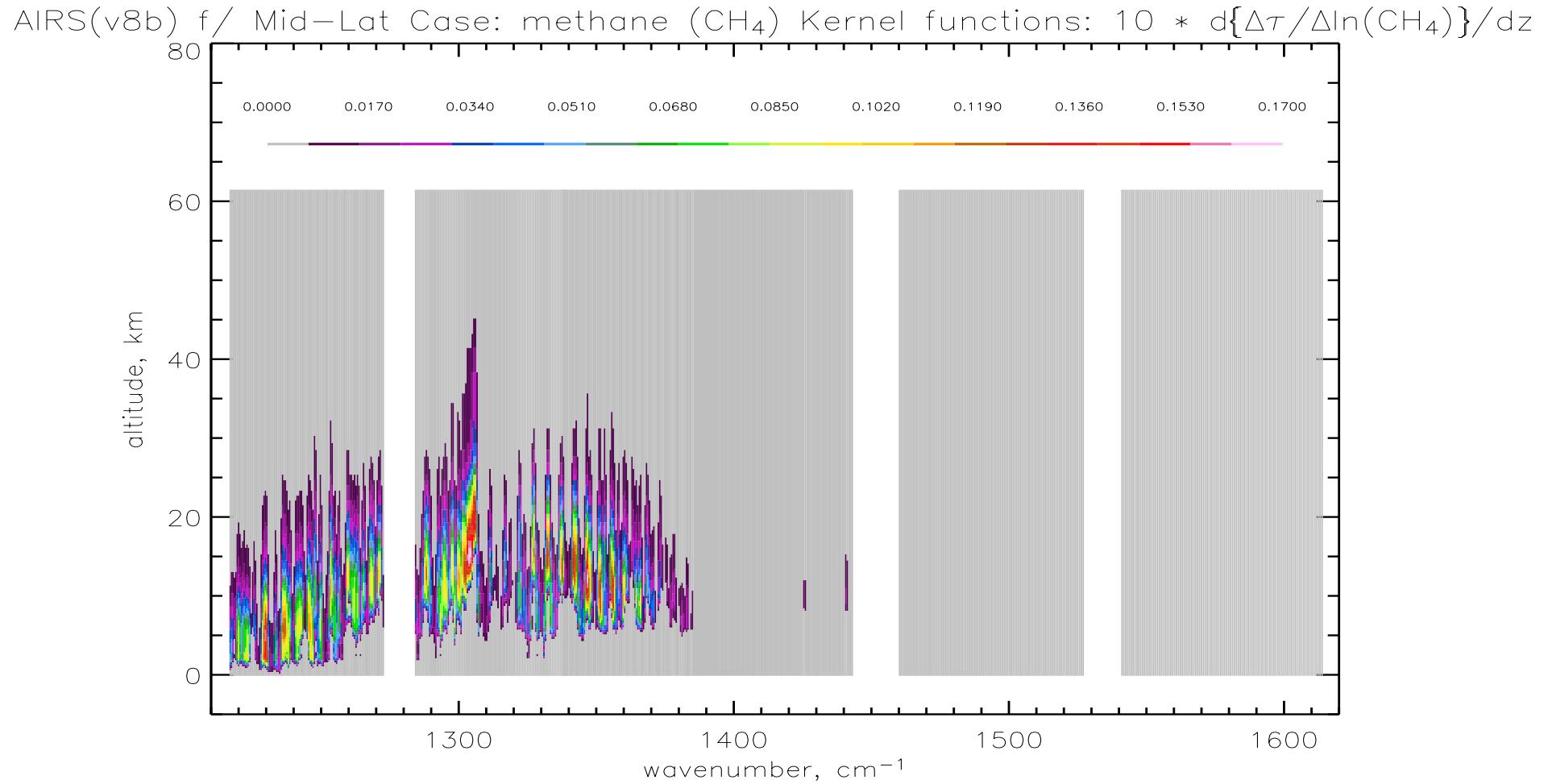
# AIRS Methane ( $\text{CH}_4(\text{p})$ ) KERNEL Functions: $1210 \rightarrow 1620 \text{ cm}^{-1}$

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